

# TRANSPORTATION SECTOR: ALTERNATIVE FUEL VEHICLE, ALTERNATIVE TRANSPORTATION, AND VMT REDUCTION PROGRAMS

## ◆ CALIFORNIA

### City-wide Transportation Programs

The Santa Monica Sustainable City Program was begun in 1991 with the establishment of the Santa Monica Task Force on the Environment and was officially adopted in 1994 by the City Council. The Program's intent is to stress the importance of environmental protection in city policies and commit the city to minimizing negative environmental and social impacts. One of the four main policy areas of the Sustainable City Program is transportation. Examples of the actions implemented under the transportation sector of the program include Ridesharing Programs for City employees, the Big Blue Bus Service Improvement Program, the Electric TIDE Downtown Shuttle Bus Line, CNG (compressed natural gas) Fueling Stations, Electric Vehicle Charging Stations, and the Bicycle Master Plan.



### Results:

Carbon dioxide emissions from Santa Monica's transportation sector decreased by 1,350 MTCE (1.7%) in 1997. The sources of transportation sector emissions are personal vehicles, commercial vehicles, passenger buses, rail, and unclassified. Although personal vehicles account for the majority of transportation sector emissions (about 76 to 78 percent), virtually all of the emission reductions were accounted for by the passenger bus transit measures. The emission reductions resulting from the actions implemented under the Santa Monica Sustainable City Program save considerable energy as well, equivalent to approximately 48,800 mmBTU.

Energy Savings	Greenhouse Gas Reductions
48,800 mmBTU/yr	1,350 MTCE*/yr

### Principal Actors:

The City of Santa Monica. For the most part, organizers of the program have acted as volunteers. Administrative overhead for the project has been absorbed by the Environmental Programs Division of the City of Santa Monica. Individual departments cover implementation costs of new policies, which are designed to fall within existing programs.

### Additional Information:

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This case study is based on information provided by Dean Kubani, City of Santa Monica, and information found in *Sustainability in Action: Profiles of Community Initiatives Across the United States*, a document prepared for the US EPA by Concern, Inc., September 1995.

\* Original data have been converted from short tons of CO<sub>2</sub> equivalent to Metric Tons of Carbon Equivalent (MTCE).